

Dr. Babasaheb Ambedkar Open University
Term End Examination January – 2026

Course	: MCA	Date	: 18/02/2026
Subject Code	: MCA-203	Time	: 03:00pm to 05:15pm
Subject Name	: Web Development Technologies with ASP.Net	Duration	: 02.15 Hours
		Max. Marks	: 70

Section A

Answer the following (Attempt any three) (30)

1. How to overload an operator in C#? Explain in details.
2. Discuss about metadata in great details.
3. Describe in details about StreamReader and StreamWriter class with example.
4. Write a note on property get accessor and set accessor.
5. Explain in depth about structure in C#.

Section B

Answer the following (Attempt any four) (20)

1. Write a short note on For loop.
2. How to implement inheritances in C# ? Explain with example.
3. What is use of assemblies state in brief.
4. Discuss in short about how to communicate data to a thread?
5. Explain how to handle exception in C#?
6. Describe in brief about Reference type data type.

Section C

Part – A (Multiple Choice Questions) (10)

- The _____ compiler compiles all the source code to machine code at same time in single compilation process.
A Normal JIT
B Econo JIT
C Pre-JIT
D All of them
- _____ is the process of converting a value type to a reference type data type.
A Boxing
B UnBoxing
C Referencing
D Using
- _____ statement is used to transfer the program control directly to a labelled statement.
A Break
B Continue
C Return
D Goto
- In multicast delegates _____ operator is used to add methods to delegates.
A +
B +=
C Both A and B
D ++
- A class which is inherited by other class is recognized as _____ class.
A Child
B Base
C Derived
D Reference
- An Interface contains declaration of _____.
A Methods
B Properties
C Events
D All of them

- 7 <T> is used to pass _____.
 A Data B Pointer
 C Parameterized type D Reference
- 8 _____ is not FileMode.
 A Write B Open
 C Truncate D Create
- 9 In C#, user-defined operator overloads must be declared with _____ keyword.
 A Public B Static
 C Private D Both A and B
- 10 _____ method suspend the current thread for given time period in milliseconds.
 A Start B Sleep
 C Join D Abort

Part – B (Do as Directed)

(10)

- 1 Structure cannot be base of other structure or class. True / False
- 2 In multilevel inheritances one class derived from more than one class. True / False
- 3 JIT converts MSIL code to native code. True / False
- 4 Start() method change thread state into running state. True / False
- 5 Stream is sequence of bytes or characters from a file, a network connection, or even memory. True / False
- 6 Code which is not developed in .Net framework and do not run under the control of CLR is known as managed code. True / False
- 7 = operator can not be overloaded in C#. True / False
- 8 Generic class can be capable of handling any data type. True / False
- 9 Switch statement contains only one default statement. True / False
- 10 Any exception derived from Exception class can be raised using the throw keyword. True / False
